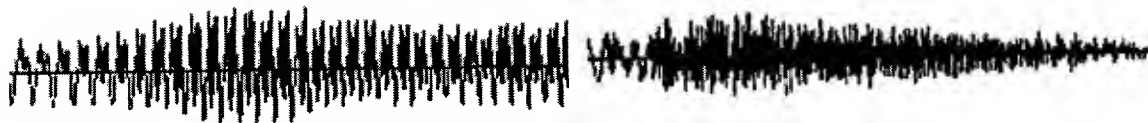
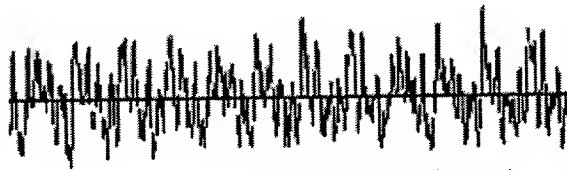


FIG. 1



Speech [/ba]

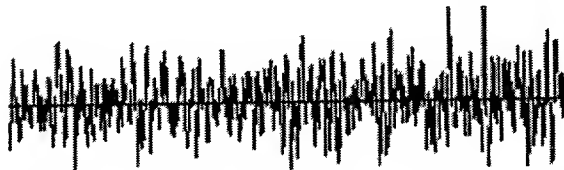
Speech [/s]



Music (light)



Music (rock)



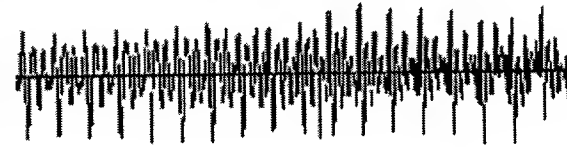
Noise (crowd noise at a game)



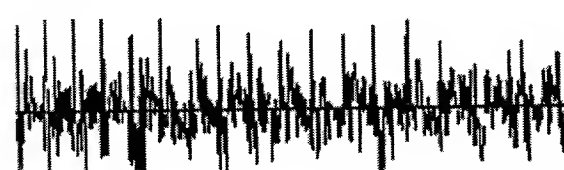
Noise (clapping)



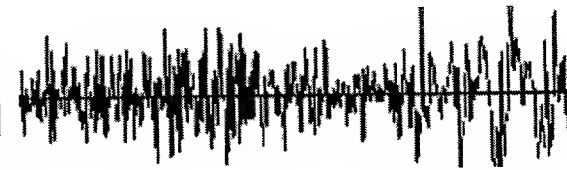
Speech + music (news report)



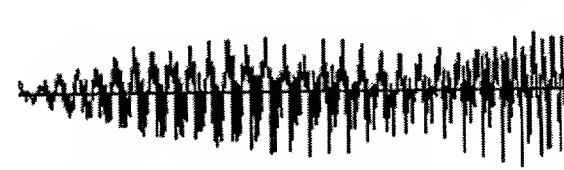
Speech + music (song)



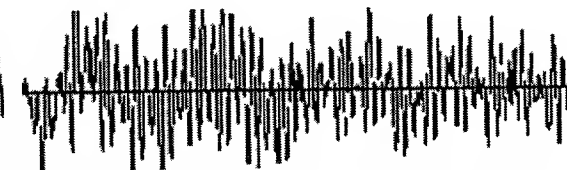
Speech + noise (sport broadcast)



Speech + noise (news interv)



Speech + speech (female+female)



Speech + speech (male+female)

Fig. 2

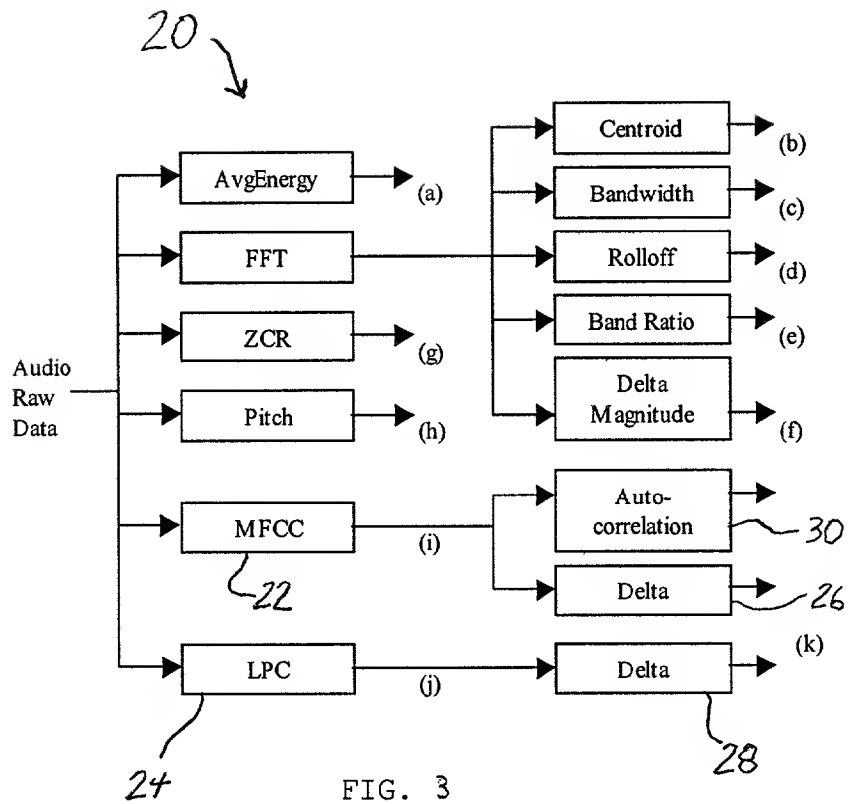


FIG. 3

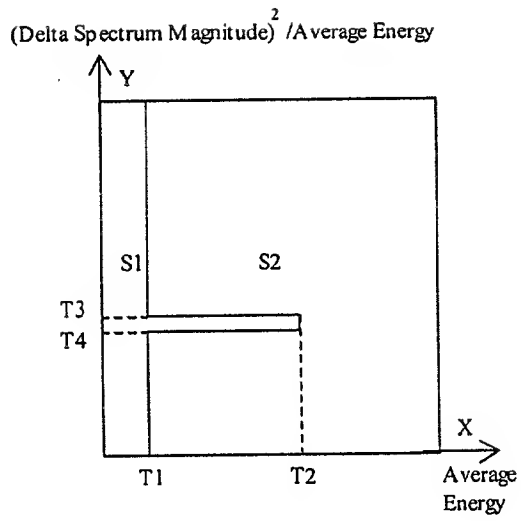


FIG. 4A

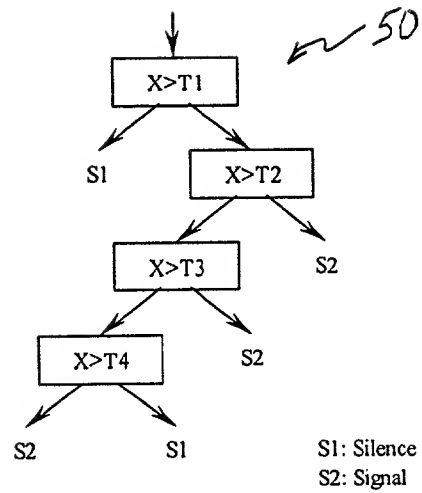


FIG. 4B

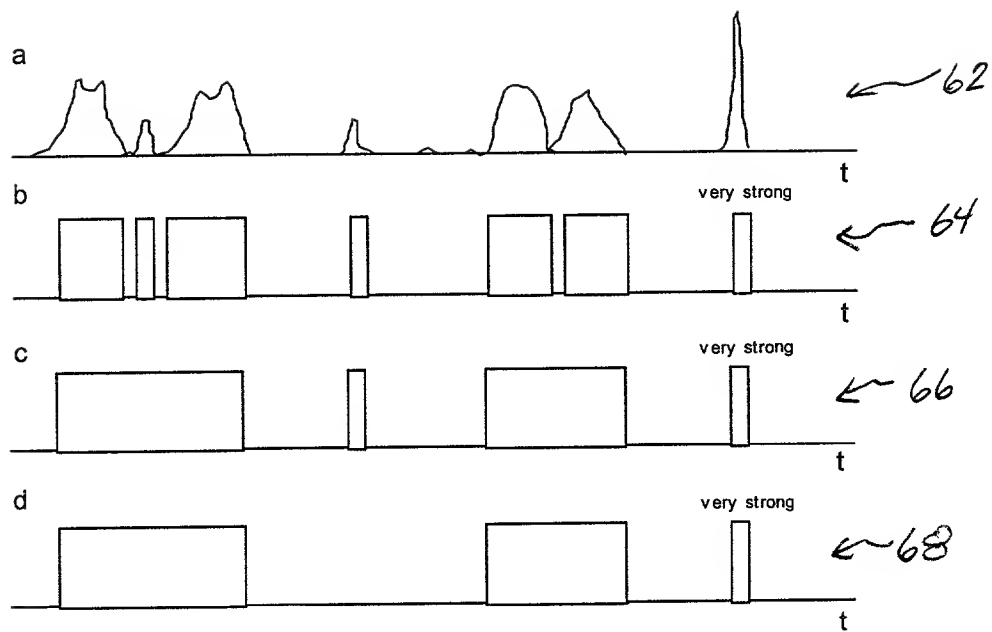


FIG. 5

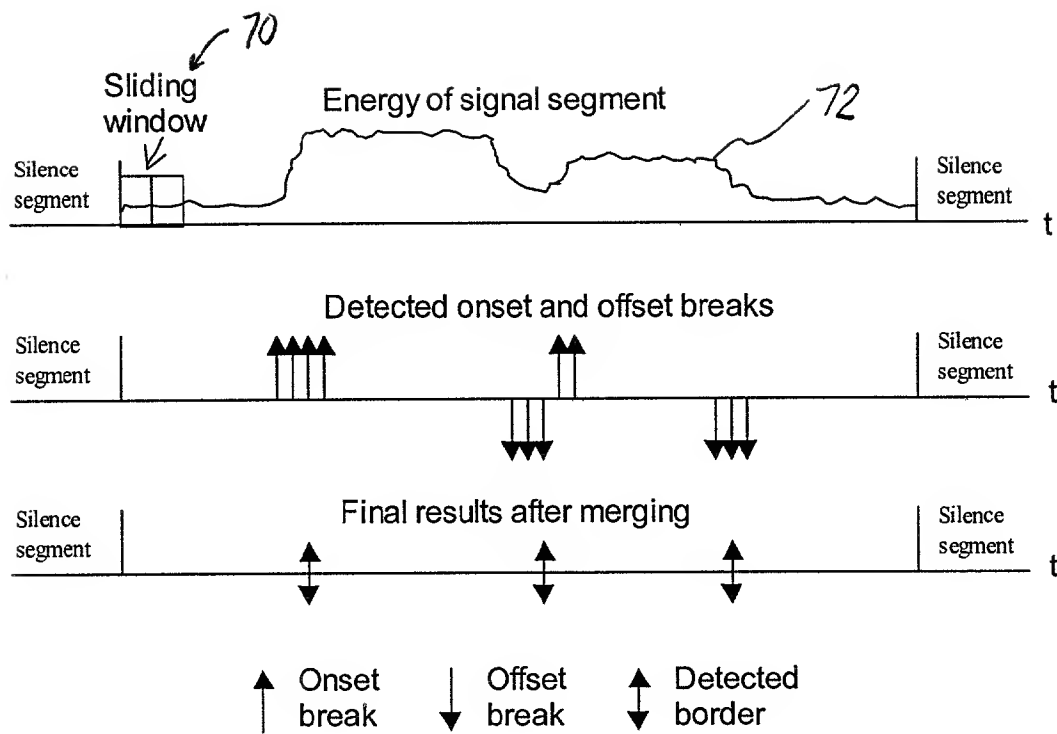


FIG. 6

S1

S2

Has Speech

Non Speech

Output:

Category Duration (seconds)

NS 10

HS 20

NS 5

HS 30

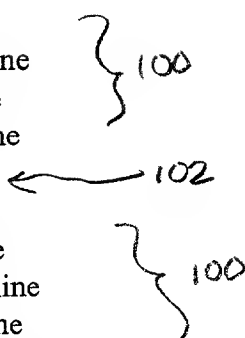
NS 10

FIG. 7

My song.txt:

This is the first line
This is the second line
This is the third line
This is the fourth line

This is the fifth line
This is the sixth line
This is the seventh line
This is the eighth line
Now there are some final words.



The diagram illustrates line groupings and offsets. A bracket groups the first four lines, with the number 100 to its right. An arrow points from the fourth line to the fifth line, with the number 102 to its right. Another bracket groups the sixth, seventh, and eighth lines, with the number 100 to its right.

FIG. 8

110

Timestamped_Mysong.txt:

15 This is the first line
20 This is the second line
25 This is the third line
30 This is the fourth line
35
41 This is the fifth line
47 This is the sixth line
53 This is the seventh line
59 This is the eighth line
65 Now there are some final words.
70

112

FIG. 9A

110

Timestamped_Mysong.txt:

10
5 This is the first line
5 This is the second line
5 This is the third line
5 This is the fourth line
5
6 This is the fifth line
6 This is the sixth line
6 This is the seventh line
6 This is the eighth line
6 Now there are some final words.
5

112

FIG. 9B

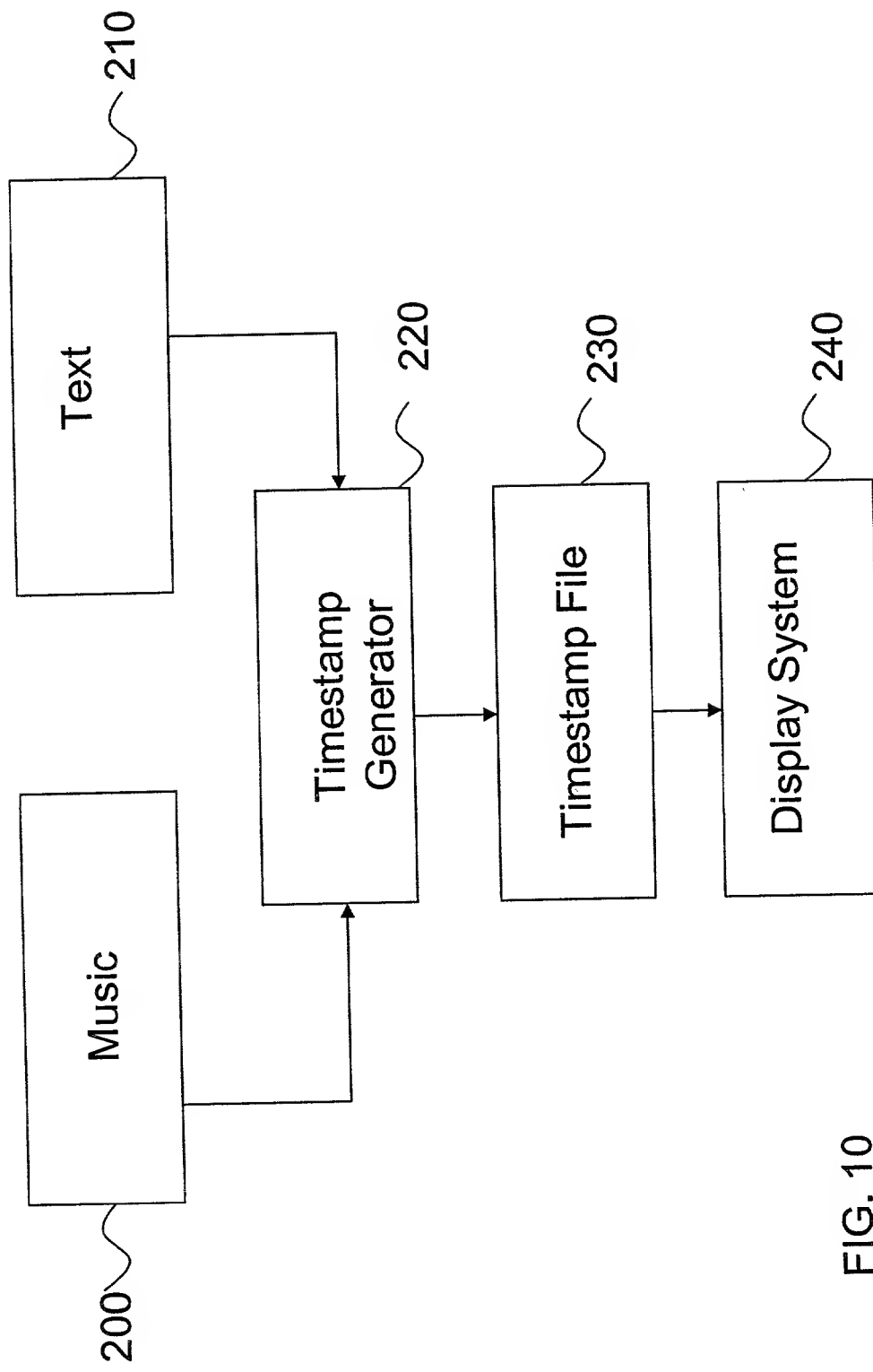


FIG. 10

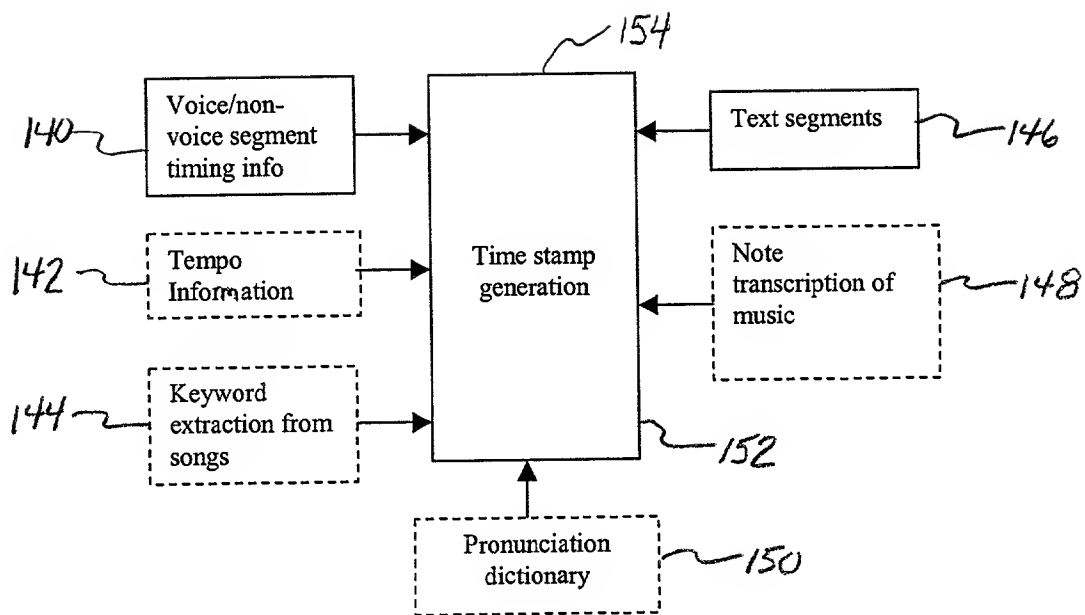


FIG. 11

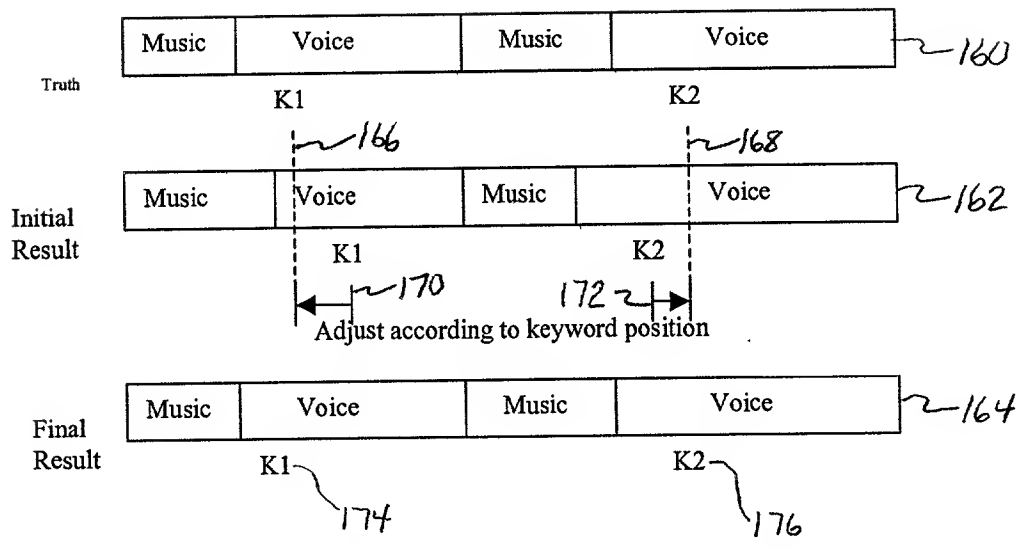


FIG 12

05988033 4494



FIG. 13

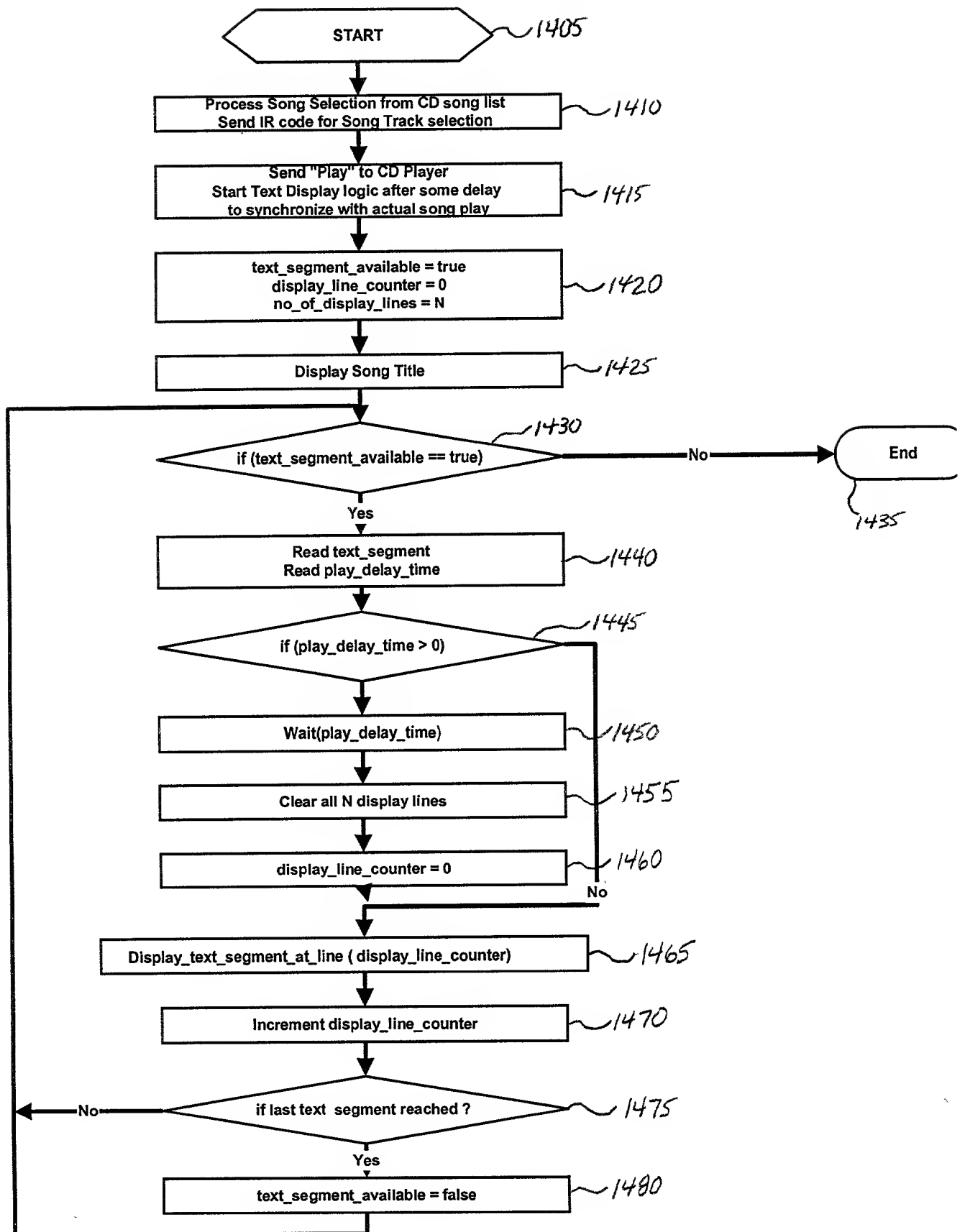


FIG. 14